

Appl. No. 09/920,042

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Amendment/Response

Reply to Office Action of  
June 25, 2003

**Amendments to the Specification:**

Please amend the paragraph beginning at page 4 line 8

As follows:

By way of example only, The block 36 has been designed in the embodiment with the following properties:

- Motion estimation requires 1024 cycles to process 128 x 8 pixels
- Motion compensation requires 1600 cycles to process 128 x 8 pixels
- The clock frequency is 150 MHz.

AM  
It should be noted that block 36 may be designed with other clock frequencies and numbers of cycles required to perform motion estimation and motion compensation processes and fall within the scope of the present invention. For simplicity of description, the embodiments discussed hereinafter have the properties listed above. A change in the design from the example given would change the formulas accordingly.